



Environmental, Health & Safety Consultants

639 N. Salina St; Syracuse, NY 13208  
Phone: 315-428-1959 Fax: 315-428-0432  
[www.churchillenvironmental.com](http://www.churchillenvironmental.com)

March 25, 2014

Great Western Steel  
Todd Clifford

Re: Asbestos Contamination Assessment

Todd,

On March 11, 2014 Churchill Environmental performed a Contamination Assessment at 68 Main St. Canajoharie, NY in Buildings 38, 45, and 57 due to the disturbance of Asbestos Aircell Pipe Insulation caused by the sub contractor M&M Consulting & Contracting out of Jersey City, New Jersey. The sub contractor was cutting out copper pipes, wiring, and steel. The assessment was performed by Ray Churchill, a certified USEPA/NYS DOL Building Inspector/Project Monitor and Project Designer.

In Building 54, the Pedestrian Walkway a pipe with ACM Aircell under the roof rafters was cut with one end falling to the floor, the other end stayed suspended. The visual inspection found approximately 4' of debris where the pipe dragged after hitting the floor. Four TEM Micro-Vac Samples were taken approximately 15' out from the pipe to see if any asbestos fibers had migrated outward from the pipe. Of the four samples, one had two ACM Chrysotile Fibers in it. The Micro-Vac's were taken using a 100cm squared template and a low-vol pump running at 2 L/M for two minutes. Based on this finding the Contaminated area was moved back another 15' feet from that sample. That entire section of the hallway is considered contaminated. This is Incidental Disturbance #1. See the attached lab results, floor plans, and photos.

Adjacent to the walkway in building 45, a dumpster was placed in there for the scrap metal and copper to be put in. Two Micro-Vac Samples were taken at each end of it along with bulk samples to see if any ACM debris and fibers were present. Neither of the Micro-Vac's had any fibers, but one bulk sample of white debris did contain 50% asbestos by weight. This sample was the size of a nickel and the only one that could be found like it. Because this was the only sample of this material there is no more asbestos here. This was on the North End of the Dumpster by the Yellow Rail in a "L" Shape about 10' away. No other samples taken had asbestos in them from this area. This Dumpster is referred to as Dumpster #1 in the Lab Report and on the Floor Plans. There is White Powder Debris approximately 15'-20' S.E. from the corner of this dumpster and the samples taken from that did not have asbestos. There was no ACM found inside the dumpster at the time of the assessment.

Another Dumpster referred to as Dumpster #2 is in Building 57-Loading Dock Area and none of the samples taken from there had any asbestos in them, both Bulks and Micro-Vac's. There was no ACM found inside the dumpster at the time of the assessment.

Building #38 has two separate Incidental Disturbances, one is next to a tank in the N.W. Corner by the Yellow Railing and the other is across from that where what use to be an elevated concrete deck was taken down by the workers from M&M Contractors in order to get the steel beams for scrap.

The Tank Disturbance is due to the Matrix of the Pipe Insulation breaking down. There is only 12"-18" of pipe that was on this pipe where it goes into the concrete floor. This is a Minor Disturbance and should have the floor and wall cleaned 2' out from the wall and 4' down from the pipe in each direction along the wall. This is Incidental Disturbance #2

The Disturbance where the Concrete Deck was cut down covers approximately a 30'x 70' area. ACM Debris from the pipes above in the ceiling was found and one Micro-Vac Sample had 1 Chrysotile Fiber in it. The other Micro-Vac's did not have any asbestos in them. The Contaminated Area was determined based on the Visual Inspection, Bulk Samples, and Micro-Vac Samples taken. Where the last seen suspected ACM was seen the area was taken out an additional 1' in each direction. This is Incidental Disturbance #3, #4, and #5.

"Red Danger Tape" and "Asbestos Warning Signs" were used to mark of these areas and prevent anyone from entering them.

Only one "Static Air Sample" was taken during the assessment. There is no Power at this site and running gas generators inside the buildings would be a safety issue with the Carbon Monoxide from the generators. Instead the inspector wore a personal air sampling pump while performing the inspection. The pump ran for 5 hours at 2.5 L/M during the assessment. The sample had a reading of <0.004 f/cc. See attached Labs.

If you have any questions about this report please feel free to call our office.

Sincerely,

A handwritten signature in black ink, appearing to read "Raymond J. Churchill". The signature is fluid and cursive, with the first name being the most prominent.

Raymond J. Churchill  
Churchill Environmental Inc.

ACM Debris #3, #4, & #5

BLDG. #30

BLDG. #50

BLDG. #40

BLDG. #45

WHRE. #4

WHRE. #7

STAGING AREA 35000 sq.ft.

LOADING DOCKS BLDG. #51

LOADING DOCKS

DEPALLITIZER ROOM

CARDBOARD STORAGE AREA

CUT PIPE #1

12000 sq.ft.

13200 sq.ft.

PACIFIC

ASS. WAREHOUSE

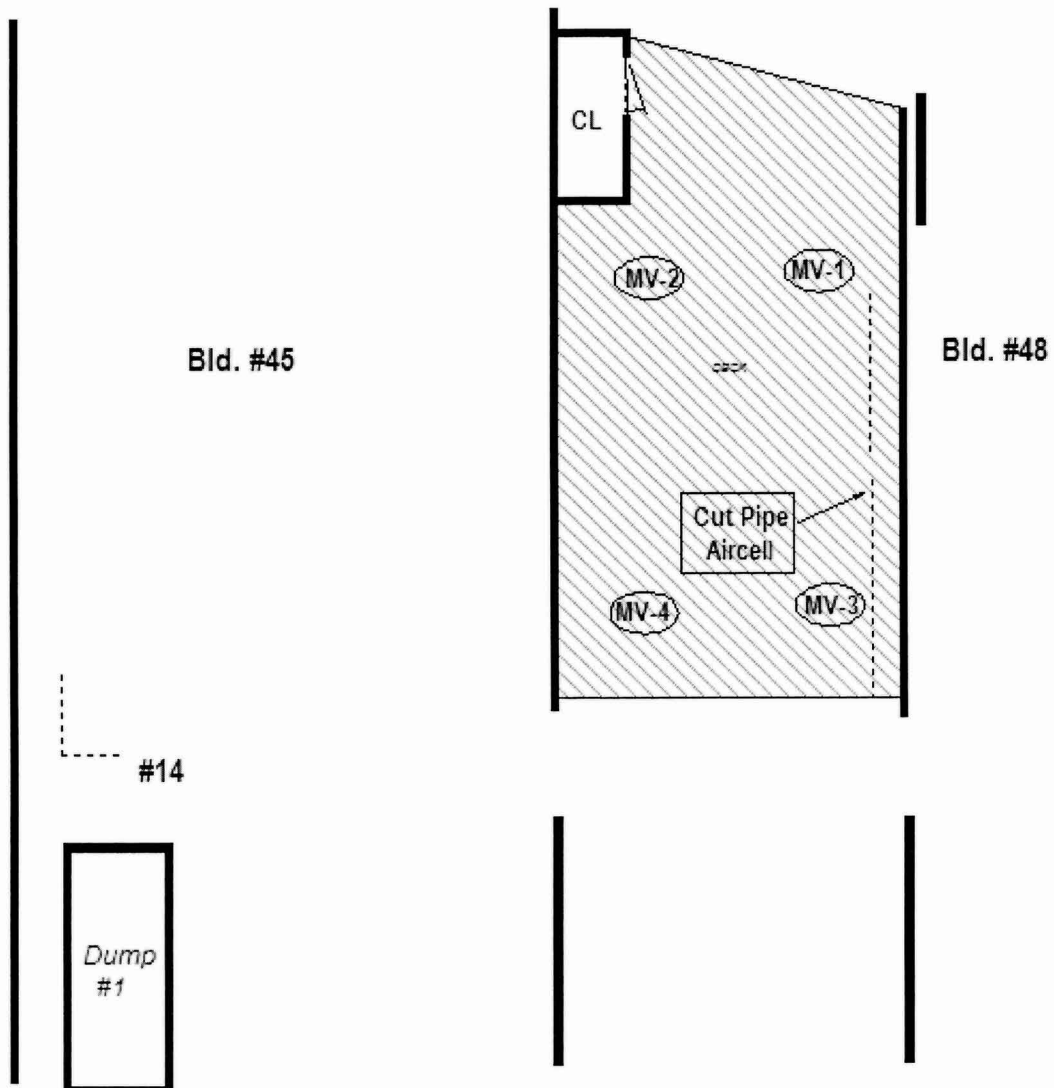
BLDG. #56

STAGING AREA 29600 sq.ft.

10000 sq.ft.

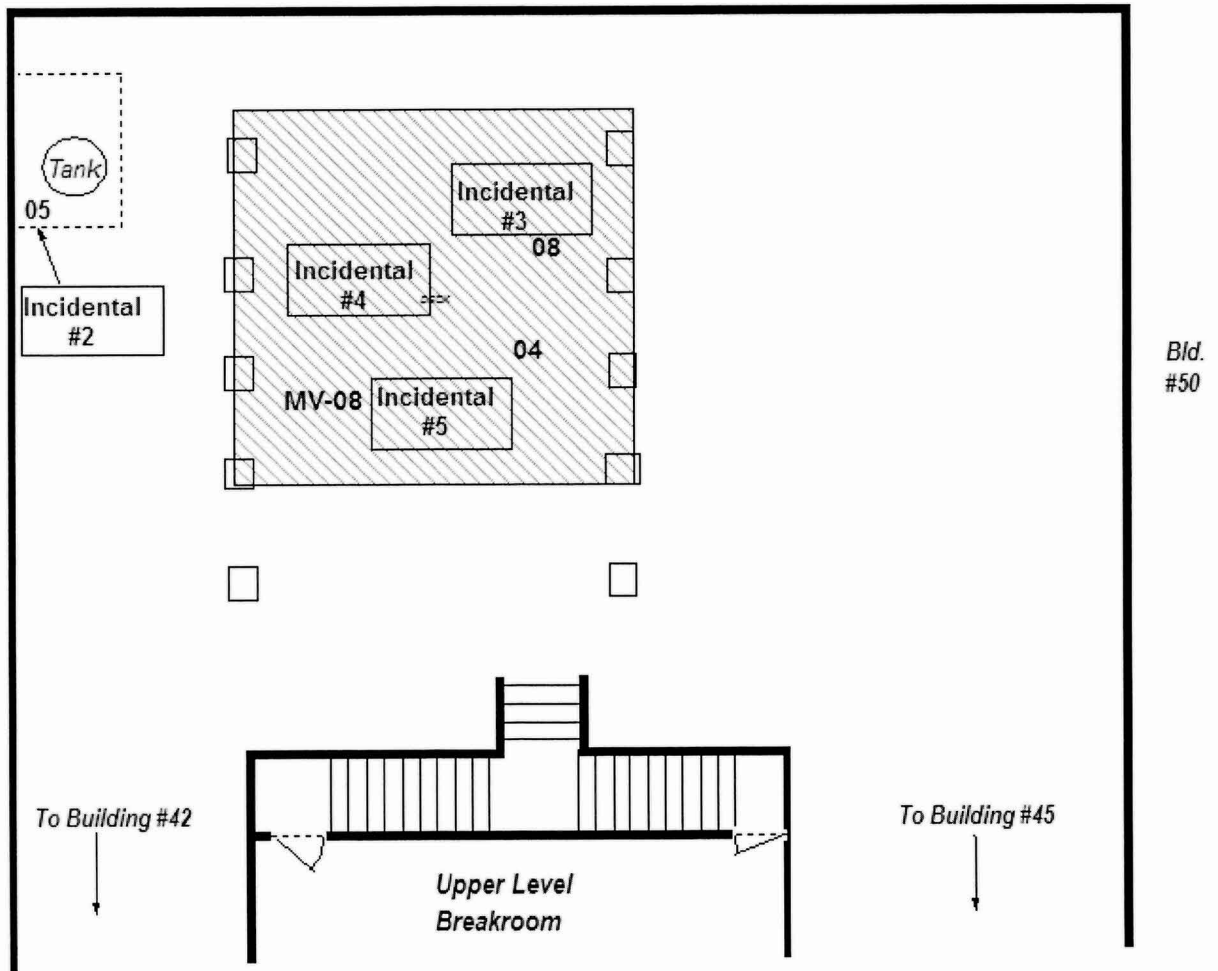
- 1). Aircell on Pipe that was cut from Ceiling-Walkway between #45 & #48 = 1,000 sq. ft.
- 2). Tank Insulation NW Corner-Matrix Insulation on Pipe broke down = 8 sq. ft.
- 3). Scattered Debris on Floor where Concrete Deck cut down = 2,100 sq. ft.

## Beechnut Incidental Disturbance #1



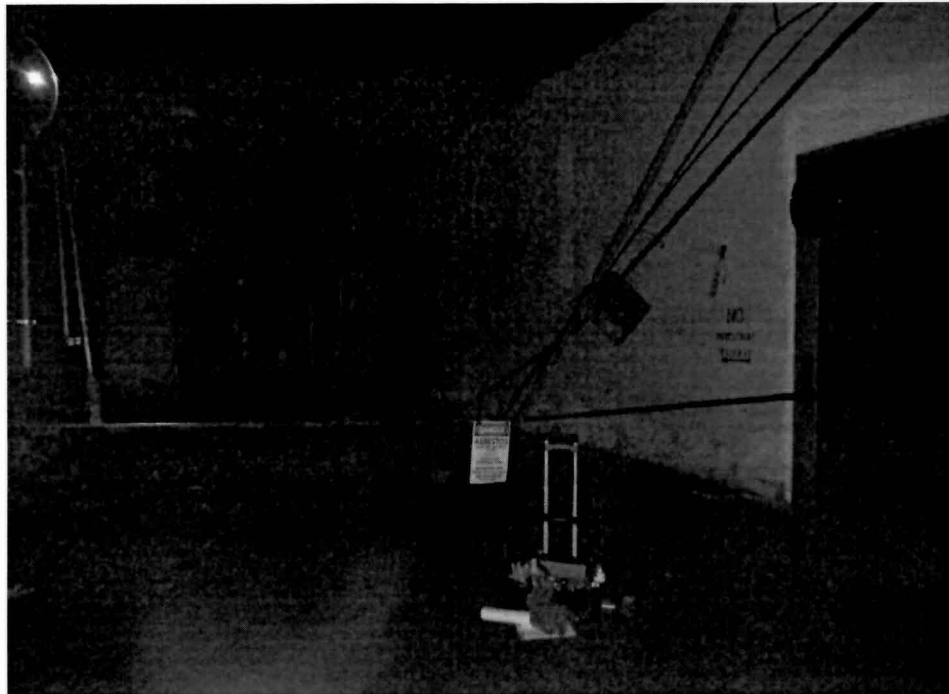
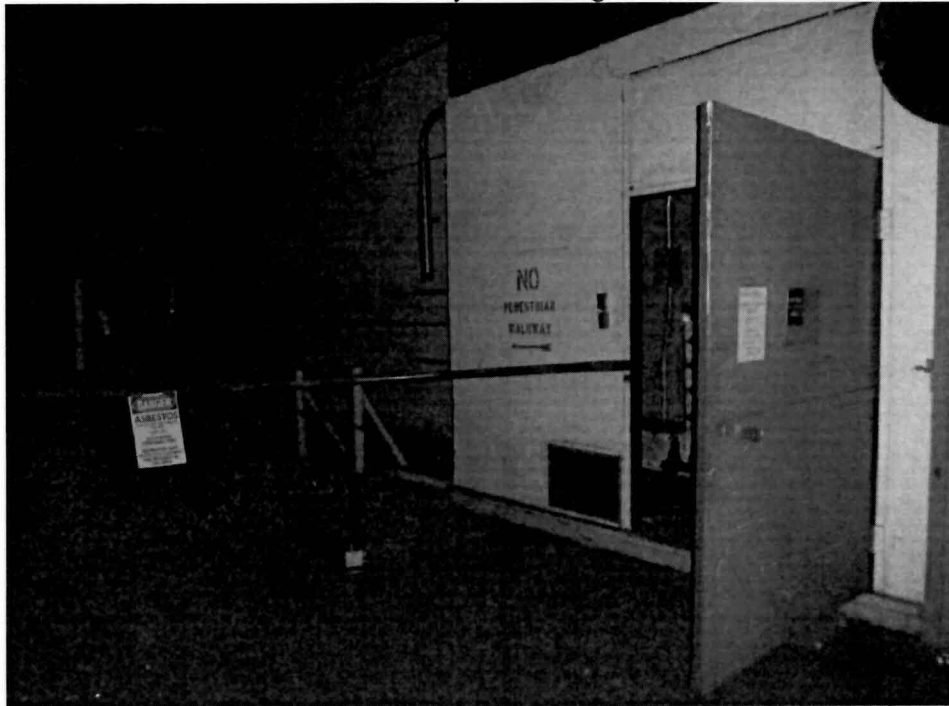
Diagonal Lines Indicate the Contaminated Area(s)

## Building 38 Incidental Disturbances

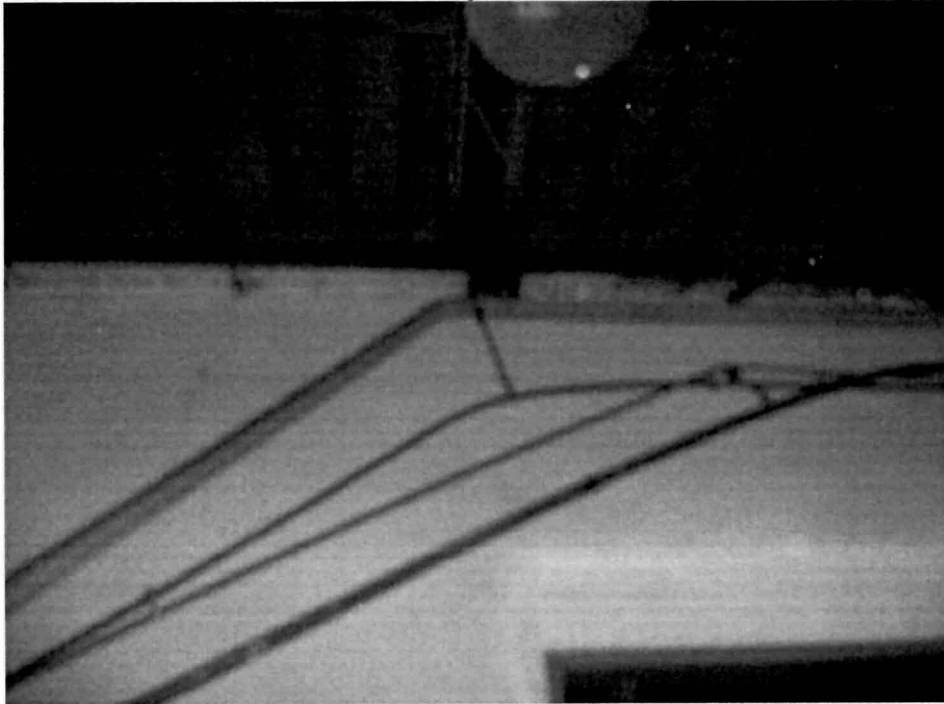


Diagonal Lines Indicate the Contaminated Area(s)

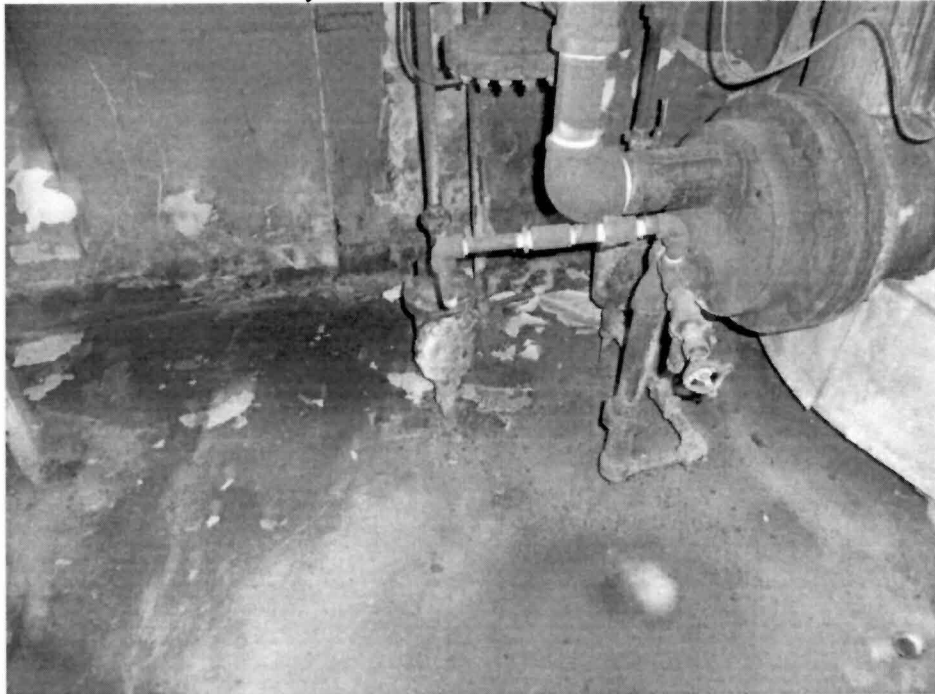
The Walkway of Building #54



The Cut ACM Pipe in the Walkway



Incidental #2 by the Tank in the NW Corner of Building 38



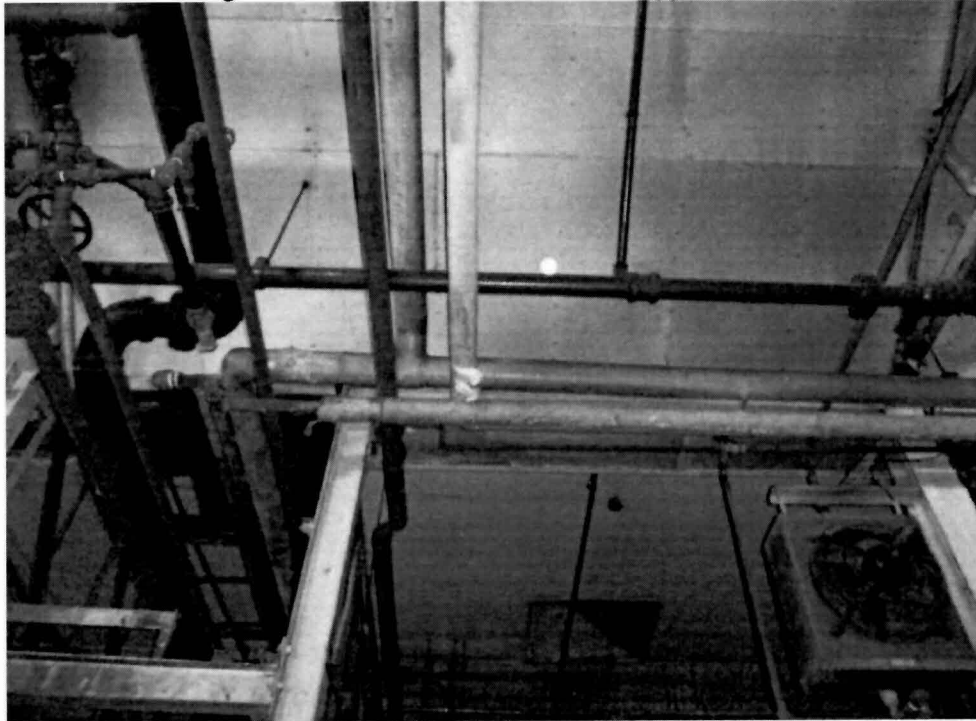
The Incidental Disturbances of #3, #4, and #5 Combined as one work area.







The Damaged Aircell from the removal of the Upper Concrete Deck



The pump and template used for the Micro-Vac Sampling



M&M Consulting & Contracting Equipment is still onsite.





Churchill Asbestos Laboratories, Inc.  
639 N. Salina St., Syracuse, NY 13208  
Phone: 315-428-1959 Fax: 315-428-0432  
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## PLM Analysis Report for Asbestos Bulk Sampling

Client: CHURCHILL ENVIRONMENTAL, INC.  
Client Address: 639 N. SALINA ST., SYRACUSE, NY 13208  
Client Contact: RON CHURCHILL  
Contact Phone #: 315-428-1959  
Project Name: 68 MAIN ST CANAJOHARIE, NY  
Project Location: 68 MAIN ST, CANAJOHARIE, NY

NYS DOH ELAP #11967

Lab Job #: 14B-4

Client Job #: 14077

Date Sampled: 3/11/14

Sampled By: RAY CHURCHILL

Date Received: 3/12/14

Date Reported: 3/13/14

SAMPLE ID #	LAB ID #	HSA	SAMPLE LOCATION/ ANALYST DESCRIPTION	ANALYST	ASBESTOS PRESENT / ANALYSIS METHOD	TOTAL ASBESTOS % / DATE ANALYZED
14077-01	B1400058	1	POWDER DEBRIS-WHITE/GREY ON FLOOR/ NEAR METAL STAIRS-INC. D. #3	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: NON-FIBROUS 95%, CELLULOSE 3.0%, FIBROUS GLASS 2.0%			GREY, NON-FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-02	B1400059	1	POWDER DEBRIS-WHITE/GREY ON FLOOR/ NEAR METAL STAIRS-INC. D. #3	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: NON-FIBROUS 95%, FIBROUS GLASS 5.0%, CELLULOSE TRACE			GREY, NON-FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-03	B1400060	1	POWDER DEBRIS-WHITE/GREY ON FLOOR/ NEAR METAL STAIRS-INC. D. #3	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: NON-FIBROUS 95%, CELLULOSE 5.0%			GREY, NON-FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-04	B1400061	2	WHITE DEBRIS ON FLOOR/ SOUTH OF INC. D. #3	ROBERT BOULWARE	YES	36%
ASBESTOS TYPES: CHRYSOTILE 18%, AMOSITE 18% OTHER MATERIAL: FIBROUS GLASS 36%, NON-FIBROUS 27%, CELLULOSE TRACE			WHITE, FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-05	B1400062	3	WHITE INSULATION ON FLOOR BY TANK/ INCIDENTAL #2	ROBERT BOULWARE	YES	67%
ASBESTOS TYPES: CHRYSOTILE 50%, AMOSITE 17% OTHER MATERIAL: FIBROUS GLASS 17%, NON-FIBROUS 17%			WHITE, FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-06	B1400063	3	WHITE INSULATION ON FLOOR BY TANK/ INCIDENTAL #2	NA/PS		
ASBESTOS TYPES: OTHER MATERIAL:			WHITE, FIBROUS, HOMOGENEOUS			
14077-07	B1400064	3	WHITE INSULATION ON FLOOR BY TANK/ INCIDENTAL #2	NA/PS		
ASBESTOS TYPES: OTHER MATERIAL:			WHITE, FIBROUS, HOMOGENEOUS			
14077-08	B1400065	4	WHITE INSULATION ON FLOOR/ CENTER OF INCIDENTAL #3	ROBERT BOULWARE	YES	67%
ASBESTOS TYPES: CHRYSOTILE 67% OTHER MATERIAL: NON-FIBROUS 33%, CELLULOSE TRACE, FIBROUS GLASS TRACE			WHITE, FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-09	B1400066	4	WHITE INSULATION ON FLOOR/ CENTER OF INCIDENTAL #3	NA/PS		
ASBESTOS TYPES: OTHER MATERIAL:			WHITE, FIBROUS, HOMOGENEOUS			

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## PLM Analysis Report for Asbestos Bulk Sampling

Client: CHURCHILL ENVIRONMENTAL, INC.  
Client Address: 639 N. SALINA ST., SYRACUSE, NY 13208  
Client Contact: RON CHURCHILL  
Contact Phone #: 315-428-1959  
Project Name: 68 MAIN ST CANAJOHARIE, NY  
Project Location: 68 MAIN ST, CANAJOHARIE, NY

NYS DOH ELAP #11967

Lab Job #: 14B-4

Client Job #: 14077

Date Sampled: 3/11/14

Sampled By: RAY CHURCHILL

Date Received: 3/12/14

Date Reported: 3/13/14

SAMPLE ID #	LAB ID #	HSA	SAMPLE LOCATION/ ANALYST DESCRIPTION	ANALYST	ASBESTOS PRESENT / ANALYSIS METHOD	TOTAL ASBESTOS % / DATE ANALYZED
14077-10	B1400067	4	WHITE INSULATION ON FLOOR/ CENTER OF INCIDENTAL #3	ROBERT BOULWARE	N/A/PS	
ASBESTOS TYPES: OTHER MATERIAL:			WHITE, FIBROUS, HOMOGENEOUS			
14077-11	B1400068	5	36" DISK- WHITE ON FLOOR/ VARIOUS AREAS	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: NON-FIBROUS 100%, CELLULOSE TRACE			WHITE, NON-FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-12	B1400069	5	36" DISK- WHITE ON FLOOR/ VARIOUS AREAS	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: NON-FIBROUS 100%, CELLULOSE TRACE			WHITE, NON-FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-13	B1400070	5	36" DISK- WHITE ON FLOOR/ VARIOUS AREAS	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: NON-FIBROUS 100%, CELLULOSE TRACE			WHITE, NON-FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-14	B1400071	6	DEBRIS-WHITE/ NORTH OF DUMPSTER 1	ROBERT BOULWARE	YES	50%
ASBESTOS TYPES: CHRYSOTILE 50% OTHER MATERIAL: NON-FIBROUS 50%			WHITE, FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-15	B1400072	7	POWDER ON FLOOR/ SOUTHEAST OF DUMPSTER 1	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: NON-FIBROUS 95%, FIBROUS 5.0%, CELLULOSE TRACE			WHITE, NON-FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-16	B1400073	8	PAPER WRAP ON FLOOR/ SOUTH OF DUMPSTER 1	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: CELLULOSE 100%			TAN, FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-17	B1400074	9	GREY POWDER ON FLOOR/ SOUTH OF DUMPSTER 2	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: NON-FIBROUS 90%, FIBROUS GLASS 7.0%, CELLULOSE 3.0%			BROWN, NON-FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-18	B1400075	9	GREY POWDER ON FLOOR/ SOUTH OF DUMPSTER 2	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: NON-FIBROUS 90%, FIBROUS GLASS 5.0%, CELLULOSE 5.0%			BROWN, NON-FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14

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## PLM Analysis Report for Asbestos Bulk Sampling

Client: CHURCHILL ENVIRONMENTAL, INC.  
Client Address: 639 N. SALINA ST., SYRACUSE, NY 13208  
Client Contact: RON CHURCHILL  
Contact Phone #: 315-428-1959  
Project Name: 68 MAIN ST CANAJOHARIE, NY  
Project Location: 68 MAIN ST, CANAJOHARIE, NY

NYS DOH ELAP #11967

Lab Job #: 14B-4

Client Job #: 14077

Date Sampled: 3/11/14

Sampled By: RAY CHURCHILL

Date Received: 3/12/14

Date Reported: 3/13/14

SAMPLE ID #	LAB ID #	HSA	SAMPLE LOCATION/ ANALYST DESCRIPTION	ANALYST	ASBESTOS PRESENT / ANALYSIS METHOD	TOTAL ASBESTOS % / DATE ANALYZED
14077-76	B1400019	9	GREY POWDER ON FLOOR/ SOUTH OF DUMPSTER 2	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: NON-FIBROUS 95%, FIBROUS GLASS 5.0%, CELLULOSE TRACE			BROWN, NON-FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-77	B1400020	10	GREY WRAP ON FLOOR/ NORTH OF DUMPSTER 2	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: CELLULOSE 100%			TAN, FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-78	B1400021	10	GREY WRAP ON FLOOR/ NORTH OF DUMPSTER 2	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: CELLULOSE 100%			TAN, FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-79	B1400022	10	GREY WRAP ON FLOOR/ NORTH OF DUMPSTER 2	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: CELLULOSE 100%			TAN, FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-80	B1400023	11	GREY PAPER ON FLOOR/ SOUTH OF DUMPSTER 2	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: CELLULOSE 100%			WHITE, FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-81	B1400024	11	GREY PAPER ON FLOOR/ SOUTH OF DUMPSTER 3	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: CELLULOSE 100%			WHITE, FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14
14077-82	B1400025	11	GREY PAPER ON FLOOR/ SOUTH OF DUMPSTER 4	ROBERT BOULWARE	NO	NAD
ASBESTOS TYPES: NAD OTHER MATERIAL: CELLULOSE 100%			WHITE, FIBROUS, HOMOGENEOUS		ELAP 198.1	3/13/14

NOTE: REFER TO LAST PAGE OF REPORT





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## PLM Analysis Report for Asbestos Bulk Sampling

Client: CHURCHILL ENVIRONMENTAL, INC.  
Client Address: 639 N. SALINA ST., SYRACUSE, NY 13208  
Client Contact: RON CHURCHILL  
Contact Phone #: 315-428-1959  
Project Name: 68 MAIN ST CANAJOHARIE, NY  
Project Location: 68 MAIN ST, CANAJOHARIE, NY

NYS DOH ELAP #11967

Lab Job #: 14B-4

Client Job #: 14077

Date Sampled: 3/11/14

Sampled By: RAY CHURCHILL

Date Received: 3/12/14

Date Reported: 3/13/14

A handwritten signature in black ink, appearing to read "Robert Boulware".

Approved by: Robert Boulware  
Lab Director- Churchill Asbestos Laboratories, Inc.

### Notes:

**Disclaimer:** "Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing."

\*Layered Samples Given as a Single Sample by the Client will be Separated and Given a Layer ID Letter following the Lab ID/ Sample ID. Letters are defined as: \*A= 1<sup>st</sup> Layer; B= 2<sup>nd</sup> Layer, C=3<sup>rd</sup> Layer; etc. (A is always the 1<sup>st</sup> / Inter Layer)

\*Abbreviations: NA= Not Analyzed, NAD= No Asbestos Detected, PS= Positive Stop (Not Analyzed), PLM= Polarized Light Microscopy, HSA= Homogeneous Sampling Area

\*PLM Analysis is Performed in Conformance with NYS DOH Analysis/ Bulk Sample Analysis Methods 198.1 and 198.6 and NISOH Method 9002, Issue 2.

\*Churchill Asbestos Laboratories does not collect the samples and therefore is not responsible for improper collection or tampering of the sample(s) prior to receiving the samples.



5/18/14

14B-4

Job# 14077 Page 1/1

[illegible]

**Positive Stop:** 01-03/045-07/08-10/11-13/17-19/20-22/23-25


*Ray Churchill*

Date: 3/12/2014

*Ken Borch*

Date: 3 / 12 / 14 0900

Email results to: [ray@churchillenvironmental.com](mailto:ray@churchillenvironmental.com)



AmeriSci Job #: 214032607

Client Name: Churchill Environmental, Inc.

**Table I**

**Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (ASTM D5755 Dust Microvac)**


14077 Micro Vac Sampling; Beechnut Incidentals; 68 Main St., Canajoharie, NY

AmeriSci Sample #	Client Sample #	Surface Area Sampled ( sq. cm )	Dilution Factor	Asbestos Structures Detected	* Analytical Sensitivity on Grid (Str / sq mm)	Structure Density on Grid (Str / sq mm)	* Analytical Sensitivity on Surface ( Str / sq. cm )	Limit Of Detection (Str/ sq. cm )	Structure Density on Surface (Str/ sq. cm )	Type of Asbestos
01	14077-01 Walkway 50, Incidental #1, N.E. Corner	100.0	0.01000	2	10	20.0	2,140	2,140	4,280	chrysotile
02	14077-02 Walkway 50, Incidental #1, N.W. Corner	100.0	0.02000	0	10	<10	1,070	1,070	<1,070	NSD
03	14077-03 Walkway 50, Incidental #1, S.E. Corner	100.0	0.00062	0	25	<25	85,600	85,600	<85,600	NSD
04	14077-04 Walkway 50, Incidental #1, S.W. Corner	100.0	0.00500	0	10	<10	4,280	4,280	<4,280	NSD
05	14077-05 Bld. 38, West Near Metal Stairs	100.0	0.00500	0	10	<10	4,280	4,280	<4,280	NSD
06	14077-06 Bld. 38, North Near Metal Ladder	100.0	0.00250	0	10	<10	8,560	8,560	<8,560	NSD
07	14077-07 Bld. 38, S.E. Area 5	100.0	0.02000	0	10	<10	1,070	1,070	<1,070	NSD
08	14077-08 Bld. 38, S.W. Area 5	100.0	0.02000	1	10	10.0	1,070	1,070	1,070	chrysotile
09	14077-09 Dumpster 1, North End	100.0	0.02000	0	10	<10	1,070	1,070	<1,070	NSD
10	14077-10 Dumpster 1, South End	100.0	0.00500	0	10	<10	4,280	4,280	<4,280	NSD
11	14077-11 Dumpster 2, North End	100.0	0.04000	0	16.7	<16.7	891	891	<891	NSD
12	14077-12 Dumpster 2, South End	100.0	0.01000	0	10	<10	2,140	2,140	<2,140	NSD

\* structure density represented by the detection of 1 structure

\*\* not analyzed

NSD: No Asbestos Structures Detected

Reviewed By: \_\_\_\_\_ ; Analyzed By:  Date: 3/18/2014

Marik Peysakhov



# Air Sample Data Sheet Chain of Custody

639 N. Salina St., Syracuse, NY 13208

Phone: 315-428-1959 Fax: 315-428-0432

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Environmental, Health & Safety Consultants

Job # **14077 Micro Vac Sampling**

Project Name: Beechnut Incidentals		Client Name: Churchill Environmental Inc.	Lab Report #
Address: 68 Main St.		Client Phone #: 315-428-1959	Contractor: N/A
City: Canajoharie	State: NY	Client Fax: 315-428-0432	Contact: Ron Churchill
Date: March 11, 2014		Hygienist: Ray Churchill	Rotometer # CEI-01

Work Area Location:	214032607
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Sample Number	Lab ID #	Work Area ID	Sample Location	Sample Type	Start Time	Stop Time	Total Minutes	Pump #	Pre-Cal L/M	Post-Cal L/M	Total Volume
14077-01		Walkway 50	Incidental #1 N.E. Corner	MV	n/a	n/a	2	125	2.0	2.0	100 cm 2
14077-02		Walkway 50	Incidental #1 N.W. Corner	MV	n/a	n/a	2	125	2.0	2.0	100 cm 2
14077-03		Walkway 50	Incidental #1 S.E. Corner	MV	n/a	n/a	2	125	2.0	2.0	100 cm 2
14077-04		Walkway 50	Incidental #1 S.W. Corner	MV	n/a	n/a	2	125	2.0	2.0	100 cm 2
14077-05		Bld 38	West near Metal Stairs	MV	n/a	n/a	2	125	2.0	2.0	100 cm 2
14077-06		Bld 38	North near Metal Ladder	MV	n/a	n/a	2	125	2.0	2.0	100 cm 2
14077-07		Bld 38	S.E. Area 5	MV	n/a	n/a	2	125	2.0	2.0	100 cm 2
14077-08		Bld 38	S.W. Area 5	MV	n/a	n/a	2	125	2.0	2.0	100 cm 2
14077-09		Dumpster 1	North End	MV	n/a	n/a	2	125	2.0	2.0	100 cm 2
14077-10		Dumpster 1	South End	MV	n/a	n/a	2	125	2.0	2.0	100 cm 2
14077-11		Dumpster 2	North End	MV	n/a	n/a	2	125	2.0	2.0	100 cm 2
14077-12		Dumpster 2	South End	MV	n/a	n/a	2	125	2.0	2.0	100 cm 2

Sample Key: BG = Background E = Environmental WA = Work Area F = Final Air Clearance P = Personal EL = Excursion Limit MV = Micro Vac

Chain of Custody	Print Name	Sign Name	Date	Time (24 hr)
Sampled by:	Ray Churchill		3/11/2014	14:30
Relinquished by:	Ray Churchill		3/12/2014	11:30 FedEx Box
Received at Lab by:			3/13/14	11:10
Turn Around Time	5 Day	TEM ASTM 5755-03		

P:\Job Number Files\14000 All Job Number Files\14077 GWS 68 Main St Canajoharie NY Assessment Todd Clifford\14077 68 Main St Micro Vacs COC



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Phone: 315-428-1959 Fax: 315-428-0432  
www.churchill-labs.com

## PCM Analysis Report for Asbestos Air Sampling

Analyzed in conformance with NIOSH Method 7400 (A Rules)  
NYS DOH ELAP #11967

Client: CHURCHILL ENVIRONMENTAL, INC  
Project Name: BEECHNUT INCIDENTALS  
Project Address: 68 MAIN ST, CANAJOHARIE, NY  
Client Contact: RON CHURCHILL  
Contact Phone #: 315-428-1959  
Client Job #: 14077  
Contractor: NA

Lab Job #: 14-20  
Date Sampled: 3/11/14  
Sampled By: RAY CHURCHILL  
Date Received: 3/12/14  
Analyst: ROBERT BOULWARE  
Date Analyzed: 3/12/14  
Date Reported: 3/12/14

ANALYSIS REVIEW: CHURCHILL ASBESTOS LABORATORIES REPRESENTATIVE, ROBERT BOULWARE, RECEIVED THE SAMPLES LISTED BELOW ON MARCH 12, 2014, RELINQUISHED BY RAY CHURCHILL. CHURCHILL ASBESTOS LABORATORIES DOES NOT COLLECT THE SAMPLES AND THEREFORE IS NOT RESPONSIBLE FOR IMPROPER COLLECTION OR TAMPERING OF THE SAMPLE(S) PRIOR TO RECEIVING THE SAMPLES.

### WORK AREA: WAREHOUSE #38

Sample ID #	Lab ID #	WA ID	Work Area Location	Sample Type	Run Time (m)	Flow Rate (l/m)	Vol. (l)	Results (f/mm <sup>2</sup> )	Results (f/cc)
14077-01	1401537	IWA	INCIDENTAL ASSESSMENT	P- STATIC	300	2.5	750	<7.00	<0.004
14077-02	1401538	-	-	FB	NA	NA	NA	<7.00	NA
14077-03	1401539	-	-	FB	NA	NA	NA	<7.00	NA

Results greater than or equal to.01 f/cc will be reported in bold font for all samples excluding OSHA personals

#### Abbreviations:

BG= Background Sample

WA= Work Area Sample (IWA=Inside, OWA=Outside)

FB= Field Blank

< = Below Limit of Detection

l/m= liters per minute

E= Daily Environmental Sample

P= Permissible Exposure Limit

CB= Critical Barrier

m= minutes

f/mm<sup>2</sup>= fibers per millimeter squared

F= Final Air Clearance Sample

STEL/EL= Short Term Exposure Limit

NA= Not Applicable

l= Liters

f/cc= fibers per cubic centimeter

Approved by: Robert Boulware  
Lab Director- Churchill Asbestos Laboratories, Inc.

Analyst	5-20 Fibers/ 100 Fields	>20-50 Fibers/ 100 Fields	>50-100 Fibers/ 100 Fields
RB	S <sub>R</sub> =0.30	S <sub>R</sub> =0.25	S <sub>R</sub> =0.17

Notes: \*Sample voided if >50% of the filter is covered with particulate

NIOSH Method 7400 has an established range of 100 to 1300 f/mm<sup>2</sup> of filter area, fiber counts outside this range are potentially biased.

Disclaimer: NIOSH Method 7400 is used for estimating asbestos concentrations, but can not differentiate between asbestos and other fibers using the Phase Contrast Microscope.

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# Air Sample Data Sheet Chain of Custody

639 N. Salina St., Syracuse, NY 13208  
Phone: 315-428-1959 Fax: 315-428-0432  
www.churchillenvironmental.com

Environmental, Health & Safety Consultants

Job # 14027

Project Name: <u>Beechmont Incidentals</u>	Client Name: Churchill Environmental Inc.	Lab Report # <u>14-20</u>
Address: <u>68 Main St</u>	Client Phone #: 315-428-1959	Contractor: <u>N/A</u>
City: <u>Canaughton</u> State: <u>NY</u>	Client Fax: 315-428-0432	Contact: Ron Churchill
Date: <u>3/11/14</u>	Hygienist: <u>Ray Churchill</u>	Rotometer # <u>CEI-01</u>

Work Area Location: Warehouse # 38

Sample Number	Lab ID #	Work Area ID	Sample Location	Sample Type	Start Time	Stop Time	Total Minutes	Pump #	Pre-Cal L/M	Post-Cal L/M	Total Volume
14077-01	1401537	IWA	Incidental Assessment	P-Static	09:30	14:30	300	152	2.5	2.5	750
14077-02	1401538	-	-	FB							
14077-03	1401539	-	-	FB							

Sample Key: BG = Background E = Environmental WA = Work Area F = Final Air Clearance P = Personal EL = Excursion Limit

Chain of Custody	Print Name	Signature	Date	Time (24 hr)
Sampled by:	Ray Churchill	<i>Ray Churchill</i>	3/11/14	14:35
Relinquished by:	Ray Churchill	<i>Ray Churchill</i>	3/12/14	09:00
Received at Lab by:	Bob Bowdware	<i>Bob Bowdware</i>	3/12/14	0900
Turn Around Time	Immediate 24hr. <u>48hr.</u>	PCM	TEM	